

# Refine Search

## Search Results -

Term	Documents
(7 AND 1).PGPB,USPT,DWPI.	1
(L1 AND L7 ).PGPB,USPT,DWPI.	1

<b>Database:</b>	<input checked="" type="checkbox"/> US Pre-Grant Publication Full-Text Database <input checked="" type="checkbox"/> US Patents Full-Text Database <input type="checkbox"/> US OCR Full-Text Database <input type="checkbox"/> EPO Abstracts Database <input type="checkbox"/> JPO Abstracts Database <input checked="" type="checkbox"/> Derwent World Patents Index <input type="checkbox"/> IBM Technical Disclosure Bulletins
<b>Search:</b>	<div style="border: 1px solid black; width: 100%; height: 30px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 100%; height: 30px; background-color: #f0f0f0;"></div> <div style="position: absolute; right: 0; top: 0; width: 30px; height: 100%;"> <span>L8</span> <span style="font-size: small;">X</span> <span style="font-size: small;">Y</span> </div>
<span style="border: 1px solid black; padding: 2px 10px; margin-right: 10px;">Refine Search</span> <span style="border: 1px solid black; padding: 2px 10px;">Interrupt</span>	
<span style="border: 1px solid black; padding: 2px 10px;">Recall Text</span> <span style="border: 1px solid black; padding: 2px 10px;">Clear</span>	

## Search History

DATE: Friday, February 13, 2004 [Printable Copy](#) [Create Case](#)

<u>Set</u>	<u>Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side				result set
DB=PGPB,USPT,DWPI; PLUR=YES; OP=ADJ				
<u>L8</u>	L1 AND L7		1	<u>L8</u>
<u>L7</u>	L3 AND L4 AND L5 AND L6		17	<u>L7</u>
<u>L6</u>	COATING SAME (POLYVINYL CHLORIDE OR POLY VINYL CHLORIDE OR POLYURETHANE)		51756	<u>L6</u>
<u>L5</u>	((NYLON 6 OR NYLON 66 OR (NYLON 6 OR NYLON 66) OR BLENDS))		228862	<u>L5</u>
<u>L4</u>	POINTBONDED OR POINT BONDED OR POINT-BONDED		1015	<u>L4</u>
<u>L3</u>	NONWOVEN OR NON-WOVEN OR UNWOVEN OR UN-WOVEN		101499	<u>L3</u>
<u>L2</u>	BASE SAME FABRIC		35244	<u>L2</u>
<u>L1</u>	(FOOTWEAR OR FOOT WEAR OR FOOT-WEAR) SAME UPPER		3743	<u>L1</u>

END OF SEARCH HISTORY

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FILE 'HOME' ENTERED AT 08:52:50 ON 13 FEB 2004

=> S (footwear or foot-wear or foot wear) (1)upper  
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE  
Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

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FILE 'CAPLUS' ENTERED AT 08:55:02 ON 13 FEB 2004  
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FILE COVERS 1907 - 13 Feb 2004 VOL 140 ISS 7  
FILE LAST UPDATED: 11 Feb 2004 (20040211/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s (footwear or foot wear or foot-wear) (1)upper  
2507 FOOTWEAR  
2 FOOTWEARS  
2508 FOOTWEAR  
(FOOTWEAR OR FOOTWEARS)  
15736 FOOT  
502 FEET  
3964 FEET  
3 FEETS  
19620 FOOT  
(FOOT OR FOOTS OR FEET OR FEETS)  
104604 WEAR  
1416 WEARS  
105594 WEAR  
(WEAR OR WEARS)  
36 FOOT WEAR  
(FOOT (W) WEAR)  
15736 FOOT  
502 FEET  
3964 FEET  
3 FEETS  
19620 FOOT  
(FOOT OR FOOTS OR FEET OR FEETS)  
104604 WEAR  
1416 WEARS

105594 WEAR  
(WEAR OR WEARS)

36 FOOT-WEAR  
(FOOT (W) WEAR)

235258 UPPER

1177 UPPERS

235893 UPPER

(UPPER OR UPPERS)

L1 283 (FOOTWEAR OR FOOT WEAR OR FOOT-WEAR) (L) UPPER

=> s nonwoven or non-woven or unwoven or un-woven

28304 NONWOVEN

2713 NONWOVENS

28547 NONWOVEN

(NONWOVEN OR NONWOVENS)

636600 NON

32 NONS

636625 NON

(NON OR NONS)

19712 WOVEN

101 WOVENS

19788 WOVEN

(WOVEN OR WOVENS)

2302 NON-WOVEN

(NON (W) WOVEN)

1002 UNWOVEN

50955 UN

1810 UNS

52759 UN

(UN OR UNS)

19712 WOVEN

101 WOVENS

19788 WOVEN

(WOVEN OR WOVENS)

10 UN-WOVEN

(UN (W) WOVEN)

L2 30840 NONWOVEN OR NON-WOVEN OR UNWOVEN OR UN-WOVEN

=> s coating(1) (polyurethane or polyvinyl chloride or poly vinyl chloride)

652044 COATING

329667 COATINGS

707682 COATING

(COATING OR COATINGS)

104940 POLYURETHANE

70217 POLYURETHANES

122641 POLYURETHANE

(POLYURETHANE OR POLYURETHANES)

75164 POLYVINYL

162 POLYVINYL

75280 POLYVINYL

(POLYVINYL OR POLYVINYLS)

977136 CHLORIDE

148749 CHLORIDES

1044853 CHLORIDE

(CHLORIDE OR CHLORIDES)

13814 POLYVINYL CHLORIDE

(POLYVINYL (W) CHLORIDE)

598742 POLY

372919 VINYL

541 VINYLS

373069 VINYL

(VINYL OR VINYLS)

977136 CHLORIDE

148749 CHLORIDES

1044853 CHLORIDE  
(CHLORIDE OR CHLORIDES)  
41268 POLY VINYL CHLORIDE  
(POLY(W) VINYL(W) CHLORIDE)  
L3 32855 COATING(L) (POLYURETHANE OR POLYVINYL CHLORIDE OR POLY VINYL CHLORIDE)

=> s laminate  
79806 LAMINATE  
59081 LAMINATES  
L4 98421 LAMINATE  
(LAMINATE OR LAMINATES)

=> d his

(FILE 'HOME' ENTERED AT 08:52:50 ON 13 FEB 2004)

FILE 'CPLUS' ENTERED AT 08:55:02 ON 13 FEB 2004  
L1 283 S (FOOTWEAR OR FOOT WEAR OR FOOT-WEAR) (L) UPPER  
L2 30840 S NONWOVEN OR NON-WOVEN OR UNWOVEN OR UN-WOVEN  
L3 32855 S COATING(L) (POLYURETHANE OR POLYVINYL CHLORIDE OR POLY VINYL C  
L4 98421 S LAMINATE

=> s 12 and 13 and 14  
L5 151 L2 AND L3 AND L4

=> s 11 and 15  
L6 2 L1 AND L5

=> d 16 1-2 bib,abs

L6 ANSWER 1 OF 2 CPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:31947 CPLUS  
DN 136:87203  
TI Two-in-one shoe components.  
IN O'Hare, Kieran  
PA UK  
SO U.S. Pat. Appl. Publ., 3 pp.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002004345	A1	20020110	US 2001-681973	20010702
	WO 2002004740	A2	20020117	WO 2001-US21252	20010705
	WO 2002004740	A3	20020613		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 2001073182	A5	20020121	AU 2001-73182	20010705
	EP 1299593	A2	20030409	EP 2001-952429	20010705
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	BR 2001012316	A	20030610	BR 2001-12316	20010705
PRAI	US 2000-216098P	P	20000706		
	US 2001-681973	A	20010702		
	WO 2001-US21252	W	20010705		

AB A footwear upper is made from a laminate of a thermally point-bonded nonwoven base fabric and a coating of polyurethane or polyvinyl chloride on ≥1 surface of the base fabric, wherein the upper functions addnl. as a lining for the footwear.

L6 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1983:596322 CAPLUS  
DN 99:196322  
TI Flexible, flat, laminates with a fiber base  
IN Foltan, Ivan; Benkovic, Ivan; Schaffer, Ludovit; Duracka, Miroslav;  
Kurtan, Geza  
PA Czech.  
SO Czech., 3 pp.  
CODEN: CZXXA9  
DT Patent  
LA Slovak  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CS 197673	B	19800530	CS 1977-6899	19771024
PRAI	CS 1977-6899		19771024		

AB Material for **footwear uppers** and linings with a brilliant multicolor pattern is obtained from a fibrous layer, containing 60-70% polyester fibers and bonded with 30-60% latex of nitrile rubber, polyacrylate, or **polyurethane**, which was patterned by sublimation printing and **coating** with an 0.1-0.7-mm transparent layer of PVC [9002-86-2], nitrile rubber, polyamide, or a **polyurethane**-PVC mixture. Thus, a needle-punched **nonwoven** fabric containing polyester 70, polypropylene 10, and viscose fibers 20% (300 g/m<sup>2</sup>) was impregnated with 50% nitrile rubber, split, ground on one side, sublimation-printed at 190-210° from a paper matrix, coated with a transparent PV paste, and gelled at 120 and 170°.

=> d his

(FILE 'HOME' ENTERED AT 08:52:50 ON 13 FEB 2004)

FILE 'CAPLUS' ENTERED AT 08:55:02 ON 13 FEB 2004

L1 283 S (FOOTWEAR OR FOOT WEAR OR FOOT-WEAR) (L)UPPER  
L2 30840 S NONWOVEN OR NON-WOVEN OR UNWOVEN OR UN-WOVEN  
L3 32855 S COATING(L) (POLYURETHANE OR POLYVINYL CHLORIDE OR POLY VINYL C  
L4 98421 S LAMINATE  
L5 151 S L2 AND L3 AND L4  
L6 2 S L1 AND L5

=> s nylon 6 or nylon 66 or blends

73462 NYLON  
1985 NYLONS  
73832 NYLON  
(NYLON OR NYLONS)

3378729 6  
25097 NYLON 6  
(NYLON(W) 6)  
73462 NYLON  
1985 NYLONS  
73832 NYLON  
(NYLON OR NYLONS)

183465 66  
12460 NYLON 66  
(NYLON(W) 66)  
132810 BLENDS  
L7 159317 NYLON 6 OR NYLON 66 OR BLENDS

=> d his

(FILE 'HOME' ENTERED AT 08:52:50 ON 13 FEB 2004)

FILE 'CPLUS' ENTERED AT 08:55:02 ON 13 FEB 2004

L1 283 S (FOOTWEAR OR FOOT WEAR OR FOOT-WEAR) (L) UPPER  
L2 30840 S NONWOVEN OR NON-WOVEN OR UNWOVEN OR UN-WOVEN  
L3 32855 S COATING(L) (POLYURETHANE OR POLYVINYL CHLORIDE OR POLY VINYL C  
L4 98421 S LAMINATE  
L5 151 S L2 AND L3 AND L4  
L6 2 S L1 AND L5  
L7 159317 S NYLON 6 OR NYLON 66 OR BLENDS

=> s l2 and l7 and l4

L8 590 S L2 AND L7 AND L4

=> s l1 and l8

L9 0 S L1 AND L8

=> s l2 and l3 and l7

L10 145 S L2 AND L3 AND L7

=> s l10 and l1

L11 0 S L10 AND L1

=> s footwear upper

2507 FOOTWEAR  
2 FOOTWEARS  
2508 FOOTWEAR  
(FOOTWEAR OR FOOTWEARS)  
235258 UPPER  
1177 UPPERS  
235893 UPPER  
(UPPER OR UPPERS)  
L12 143 FOOTWEAR UPPER  
(FOOTWEAR (W) UPPER)

=> s l10 and l12

L13 0 S L10 AND L12

=> s lining

39031 LINING  
23943 LININGS  
L14 46715 LINING  
(LINING OR LININGS)

=> d his

(FILE 'HOME' ENTERED AT 08:52:50 ON 13 FEB 2004)

FILE 'CPLUS' ENTERED AT 08:55:02 ON 13 FEB 2004

L1 283 S (FOOTWEAR OR FOOT WEAR OR FOOT-WEAR) (L) UPPER  
L2 30840 S NONWOVEN OR NON-WOVEN OR UNWOVEN OR UN-WOVEN  
L3 32855 S COATING(L) (POLYURETHANE OR POLYVINYL CHLORIDE OR POLY VINYL C  
L4 98421 S LAMINATE  
L5 151 S L2 AND L3 AND L4  
L6 2 S L1 AND L5  
L7 159317 S NYLON 6 OR NYLON 66 OR BLENDS  
L8 590 S L2 AND L7 AND L4  
L9 0 S L1 AND L8  
L10 145 S L2 AND L3 AND L7  
L11 0 S L10 AND L1  
L12 143 S FOOTWEAR UPPER

L13 0 S L10 AND L12  
L14 46715 S LINING

=> s l10 and l14  
L15 5 L10 AND L14

=> d 115 1-5 bib, abs

L15 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:653276 CAPLUS  
DN 139:198762  
TI Physical treatment of **nonwoven** fabrics to reduce pilling  
IN Kalbe, Michael; Marg, Uwe  
PA Carl Freudenberg K.-G., Germany  
SO Eur. Pat. Appl., 10 pp.  
CODEN: EPXXDW  
DT Patent  
LA German  
FAN.CNT 1  

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 1336682	A2	20030820	EP 2003-3393	20030214
EP 1336682	A3	20040102		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
US 2003221301	A1	20031204	US 2003-368241	20030218
PRAI DE 2002-10206840	A	20020218		

AB A method for avoiding or at least reducing pilling of **nonwoven** fabrics (fleece) made from unsplit and/or at least partially split microfibers and/or microfilaments of synthetic polymers and comprising at least one polyester component, at least one polyamide component and, optionally, at least one **polyurethane** component, the **nonwoven** fabrics being treated at least once by a phys. method. Phys. treatment can be thermal treatment, treatment with flame, dry hot air, water steam, calendering, **coating**, and screen printing. The treated **nonwovens** can be used for production of textile coverings, banners, luggage container **linings**, and inner components of vehicles. Thus, a **nonwoven** fabric having surface weight of 115 g/m<sup>2</sup> and comprising partially (85%) split microfilaments of polyamide 66 (30) and poly(ethylene terephthalate) (70%) was dyed using a dispersion dye and treated with flame of minimal intensity.

L15 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:510077 CAPLUS  
DN 127:122935  
TI Bondable interlinings with improved bonding strength durability and garments from them  
IN Nakamura, Tatsuro; Yokoyama, Takahiro  
PA Japan Vilene Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 6 pp.  
CODEN: JKXXAF

DT Patent  
LA Japanese  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 09158055	A2	19970617	JP 1995-336024	19951129
JP 3184442	B2	20010709		
PRAI JP 1995-336024		19951129		

AB The interlinings are prepared by **coating** fibrous sheets with compns. comprising adhesive polymers and 1-15% **polyurethanes** containing blocked isocyanate groups. A **nonwoven** fabric of nylon fibers was treated with a silicone waterproofing agent, screen printed with an aqueous paste containing 26.2 parts polyamide and 2.7 parts NaHSO<sub>3</sub>-blocked

adipic acid-butylene glycol-hexamethylene diisocyanate block copolymer, and heat-treated 60 s at 100° to give a bondable interlining. The interlining and a wool fabric were together pressed for 10 s at 130° to give a bonded fabric with layer bonding strength ≈0.7 kg/5 cm width and good bonding strength retention after 30 s under steam at 5 kg/cm<sup>2</sup>.

L15 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1991:609719 CAPLUS

DN 115:209719

TI Manufacture of linings for sound-insulating floor materials

IN Yagi, Keisuke

PA Sumitomo Bakelite Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03051379	A2	19910305	JP 1989-183722	19890718
	JP 06065788	B4	19940824		

PRAI JP 1989-183722 19890718

AB The title process involves coating stiff polyester fibers (2000-5000 denier) with a vinyl chloride (I) type resin containing 0-50 parts plasticizers and 100 parts reaction products (urethane ratio 30-60%) of isocyanates and polyol-containing I polymers, subjecting the coating to a shrinkage treatment, and forming mat-like materials. Kneading Dominus K550F 100, Ba-Zn stabilizer 3, and DOP 10 parts, melt coating the pellets onto stiff polyester fibers (3000 denier), subjecting to a shrinking treatment, forming a mat, sandwiching with **nonwoven** cloths, and lapping the sandwiched mat (8 mm) with a 2-mm rubber mat, a 2-mm plywood, a 2-mm paper cushion, and a 10-mm floor panel gave a 24-mm floor material (urethane content 60%) with sound insulation grade (Japan Construction Society) L-40.

L15 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1991:537772 CAPLUS

DN 115:137772

TI Manufacture of bending- and water-resistant sheets with sponge structure

IN Tanaka, Jiro; Taniguchi, Toshiro

PA Kuraray Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02264082	A2	19901026	JP 1989-82102	19890331
	JP 2801253	B2	19980921		

PRAI JP 1989-82102 19890331

AB The title process comprises impregnating and/or **coating** onto a fabric substrate a composition of **polyurethane** elastomer, a polyether-modified silicone oil, a polyoxyethylene-polyoxypropylene block copolymer, and a solvent and coagulating in a nonsolvent, where the **polyurethane** elastomer is the reaction product of an organic diisocyanate, a chain extender, and a polyester diol prepared using mainly 1,9-nanediol (I) and/or 2-methyl-1,8-octanediol (II) as the diol component. Reacting 1:6:5 mol I-II-adipic acid copolymer diol, 4,4'-MDI, and 1,4-butanediol, diluting the elastomer with DMF to 13% solution, and mixing with 60% (based on the elastomer) 1/2 Crisvon Asistor SD7 and Crisvon Asistor SD14 gave an elastomer composition Soaking a 60/40 **nylon** 6-polyethylene **nonwoven** cloth in the composition, coagulating

the **nonwoven** cloth in 30% aqueous DMF, removing the polyethylene component by treating in hot PhMe, drying, puffing, and dyeing gave a suedelike sheet with uniform sponge structure.

L15 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1973:137526 CAPLUS  
DN 78:137526  
TI Production of leather substitutes for shoes by lamination  
AU Szumarowska, Bogumila; Zelenski, Piotr; Supera, Anna  
CS Zakl. Badan Chem., Inst. Przem. Skorzanego, Lodz, Pol.  
SO Prace Instytutu Przemyslu Skorzanego (1972), 16, 227-39  
CODEN: PIPSAC; ISSN: 0509-6790  
DT Journal  
LA Polish  
AB Exptl. leather substitutes were made by **coating** **nonwoven** fabrics or (for comparison) cotton with microporous **polyurethane** film. The **nonwoven** fabrics consisted of 2 layers: porous inner **lining** of fine fibers (polyester, casein-based, collagen, polypropylene, polyamide, or their **blends**) bonded with a flexible resin and a supporting middle layer made of coarse, strong fiber or cotton. None of the laminates tested had sufficient flexural strength or satisfactory appearance, but the moisture sorption-desorption characteristics surpassed Corfam.